

L Number	Hits	Search Text	DB	Time stamp
9	58	amine same dendimeric	USPAT; US-PGPUB; DERWENT	2003/10/22 10:20
10	1398	Pamam or polyamidoamine	USPAT; US-PGPUB; DERWENT	2003/10/22 10:21
11	38	(Pamam or polyamidoamine) same (array or chip or microarray or support)	USPAT; US-PGPUB; DERWENT	2003/10/22 10:49
12	48	dendrimer near3 (array or chip or microarray or support)	USPAT; US-PGPUB; DERWENT	2003/10/22 11:37
13	73	"5175270" or "5484904" or "5487937"	USPAT; US-PGPUB; DERWENT	2003/10/22 11:38

ANSWER 20 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2000:351493 CAPLUS  
DOCUMENT NUMBER: 133:18014  
TITLE: Derivatization of support surfaces for binding  
biopolymers  
INVENTOR(S): Beier, Markus  
PATENT ASSIGNEE(S): Deutsches Krebsforschungszentrum Stiftung Des  
Offentlichen Rechts, Germany  
SOURCE: PCT Int. Appl., 29 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000029373	A2	20000525	WO 1999-DE3692	19991117
WO 2000029373	A3	20001228		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19853242	A1	20000525	DE 1998-19853242	19981118
EP 1131281	A2	20010912	EP 1999-962063	19991117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			DE 1998-19853242 A	19981118
			WO 1999-DE3692 W	19991117

AB A functional group is activated on the surface of a support, e.g.,  
microscopic **glass slide** or polypropylene membrane, by  
reaction with an activating reagent and then reacted with an amine  
component. A support with a dendritic polymer structure on its surface  
and the use of such support for binding biopolymers are also claimed. For  
example, amino-functional **glass** substrates (**slides**)  
were treated in sequence with 4-O2NC6H4OCOCl in CH2Cl2 in the presence of  
(Me2CH)2NET, with tetraethylenepentamine in DMF, with 4-O2NC6H4OCOCl as  
above and, finally with 1,4-bis(3-aminopropoxy)butane in DMF to give a  
title substrate.

(FILE 'HOME' ENTERED AT 12:53:43 ON 22 OCT 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:53:52 ON 22 OCT 2003  
L1        4 S VERSATILE/TI AND COVALENT/TI  
L2        2 DUP REM L1 (2 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 12:55:21 ON 22 OCT 2003  
L3        0 S DENDRIMER? (P) (SUPPORT OR ARRAY OR CHIP OR MICROARRAY)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:56:40 ON 22 OCT 2003  
L4        358 S DENDRIMER? (P) (SUPPORT OR ARRAY OR CHIP OR MICROARRAY)  
L5        299 DUP REM L4 (59 DUPLICATES REMOVED)  
L6        5 S L5 AND (SPOTT? OR MICROSPOTT?)  
L7        5 DUP REM L6 (0 DUPLICATES REMOVED)  
L8        55 S L5 AND PAMAM  
L9        55 DUP REM L8 (0 DUPLICATES REMOVED)  
L10      514 S DENDRIMER? AND (GLASS OR SILICA OR SLIDE)  
L11      36 S L10 AND (DNA OR RNA OR NUCLEIC)  
L12      27 DUP REM L11 (9 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 13:07:12 ON 22 OCT 2003

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